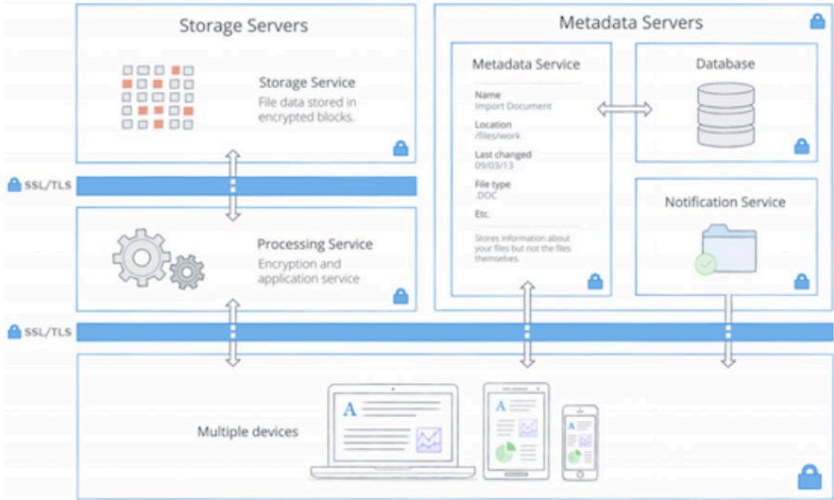
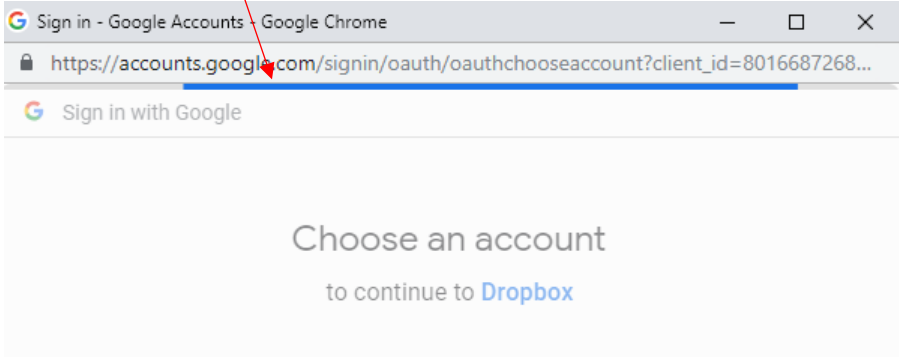
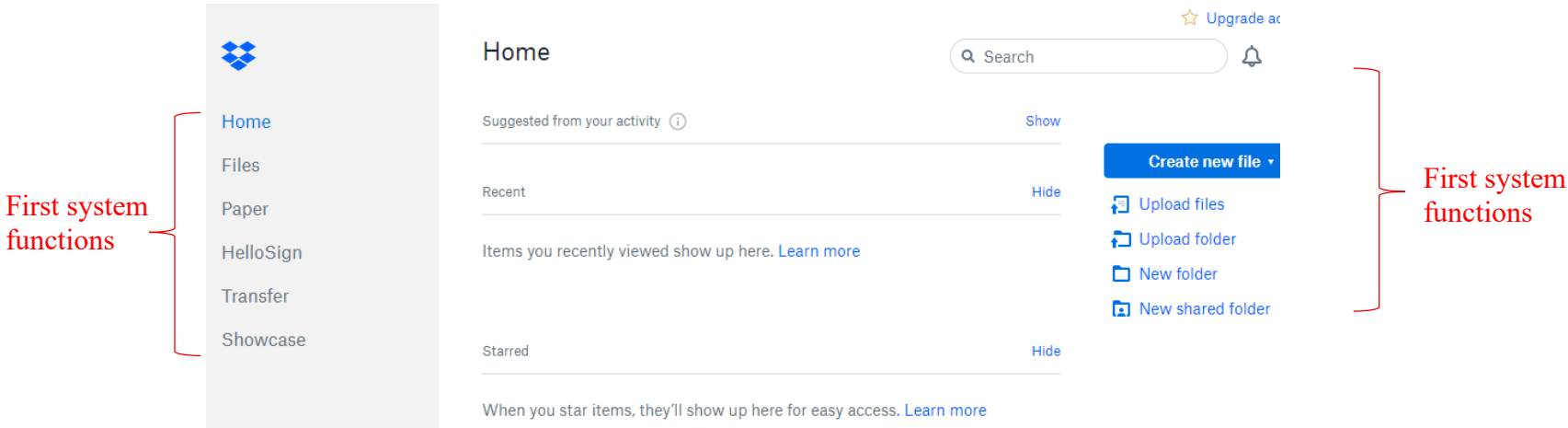


Exhibit F - U.S. PATENT NO. 10,476,868 DATA BACKUP AND TRANSFER SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT


All the Dropbox plans (for Individuals: Basic, Plus, and Professional; for Teams: Standard and Advanced; for Business: Standard, Advanced, and Enterprise) have the same basic components relevant to claims 1-2 of the '868 Patent. Dropbox's Business packages contain the same basic components relevant to claim 6 of the '868 Patent.

Claim Chart Related to Dropbox.com & Justservice.net's Patent No. 10,476,868	
Claim No. 1	Infringing Product
A data storage system comprising:	"All files stored online by Dropbox are encrypted and kept in secure storage servers." <i>See Where is my data stored?</i> , DROPBOX, https://help.dropbox.com/accounts-billing/security/physical-location-data-storage .
A virtual server connected to a communications network, the virtual server configured to:	<p>Once a file is added to Dropbox, the file syncs to Dropbox's online server and serves files to users through a virtual server interface.</p> <p>Here's a diagram of how the service works:</p>  <p>The diagram illustrates the Dropbox architecture. It shows a central communications network (represented by a blue bar) connecting several components. On the left, there are Storage Servers (containing Storage Service and Processing Service) and Metadata Servers (containing Metadata Service, Database, and Notification Service). The Storage Service stores file data in encrypted blocks. The Processing Service handles encryption and application services. The Metadata Service manages file metadata (Name, Import Document, Location, Last changed, File type, etc.) and the Database stores this information. The Notification Service provides alerts. Multiple devices (laptop, tablet, smartphone) are connected to the network, allowing users to access their files. All data transmission is secured using SSL/TLS.</p> <p><i>See Where is my data stored?</i>, DROPBOX, https://help.dropbox.com/accounts-billing/security/physical-location-data-storage.</p>

Verify first user access information for a particular user storage account of one or more user storage accounts maintained by the virtual server;	<p>Dropbox requires that a user enter a verified email address and password to access information stored on the user's Dropbox virtual storage account. <i>See How to sign in and out of your Dropbox account</i>, DROPBOX, https://help.dropbox.com/accounts-billing/settings-sign-in/sign-in-out.</p> <p>Once a user enters their personal account access information and selects to sign in, a blue bar runs across the top of the page while Dropbox verifies the account access information.</p> 
Connect to a client device associated with the verified first user access information over the communications network;	<p>Dropbox allows the user to store documents on Dropbox's virtual data storage by connecting to the client's device to add files from the client's personal device to Dropbox's virtual data storage. <i>See What are the benefits of cloud storage?</i>, DROPBOX: CLOUD STORAGE, https://www.dropbox.com/features/cloud-storage (Dropbox's "[c]loud storage benefits include easily storing, accessing, and protecting your data via the internet. You can streamline work by uploading nearly any file and accessing it from multiple devices.").</p>
transmit to the client device for display, information identifying first system functions of the virtual server;	<p>After Dropbox verifies user access information, Dropbox displays the following first system functions:</p> 

transmit to the client device for display, information relating to one or more files associated with the particular user storage account; and

Dropbox displays information relating to the files such as file name and file type.



Home

Files

HelloSign

Transfer Beta

Showcase

Out of space?

Home

Search your content

Suggested for you ⓘ

Show


Starred

Hide

When you star items, they'll show up here for easy access. [Learn more](#)


Recent

Hide

Calendar.xlsx


Added just now · Dropbox

...

2019-02-04-123640.pdf

Added just now · Dropbox

...

Payment Screen.JPG

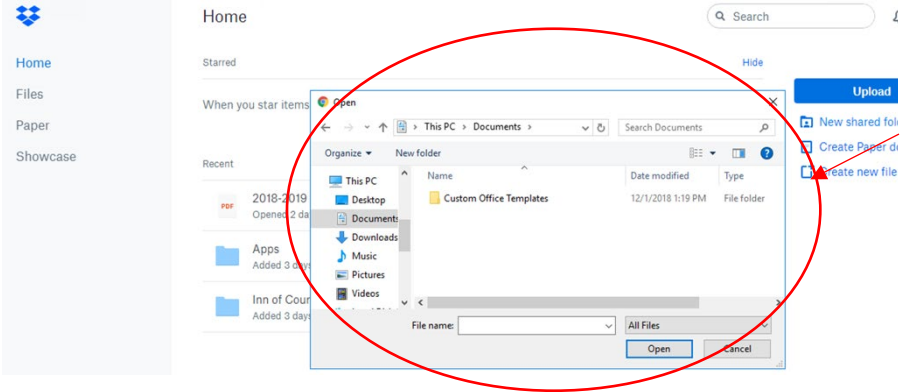
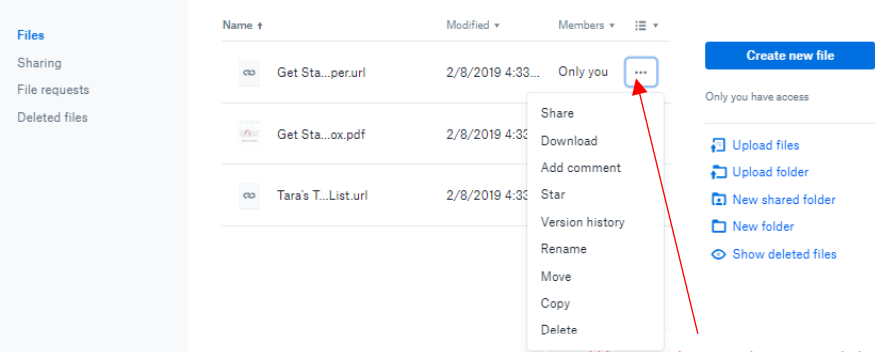
Added 1 min ago · Dropbox

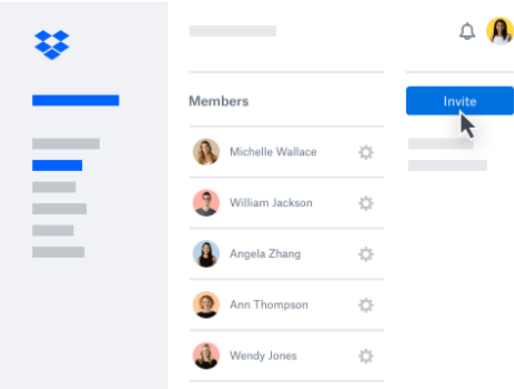
...

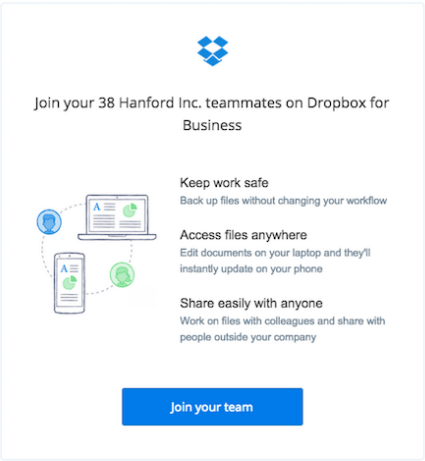
Information relating to files


Page 55 of 61

	<p>The diagram illustrates the Dropbox cloud storage architecture. At the bottom, a box labeled "Multiple Devices" (with icons for a laptop, tablet, and smartphone) connects via "SSL/TLS" to three server groups: "Previews Servers", "Block Servers", and "Metadata Servers". Each server group contains a specific service: "Previews Processing Service" (preview data processed into encrypted chunks), "Block Processing & Previews Delivery Service" (file data processed into encrypted blocks & previews delivered to users), and "Metadata Processing Service" (information about files processed, such as file name & type). A "Notification Service" is also shown within the Metadata Servers. These servers connect via "SSL/TLS" to their respective storage components at the top: "Previews Storage Servers" (Preview data stored in encrypted chunks), "Block Storage Servers" (File data stored in encrypted blocks), and "Metadata Databases" (Metadata Storage Service: Information about your stored files (but not files themselves)). A red bracket on the right side of the diagram groups the server and storage components with the text: "Network functionality for providing information about files related to user accounts".</p>
<p>upload a first user-selected file selected from the one or more files associated with the particular user storage account by accessing a particular system function of the system functions of the virtual server that initiates a transfer of the</p>	<p>When a user selects "Upload", Dropbox will upload the user selected files. <i>See How can I access Dropbox on my Windows, Mac, or Linux Computer?</i>, DROPBOX: CLOUD STORAGE, https://www.dropbox.com/features/cloud-storage ("You can access Dropbox cloud services on Windows, Mac, or Linux operating systems ... through the web on dropbox.com [which] require[s] your device to be connected to the internet to upload and access your files.").</p>

<p>first user-selected file from the client device to the virtual server.</p>	<div data-bbox="669 248 913 289"><p>on dropbox.com</p></div> <div data-bbox="669 313 1292 488"><p>1. Sign In to dropbox.com.</p><p>2. Click Upload.</p><p>3. Choose Files or Folder.</p><ul style="list-style-type: none">• If you choose Files, select as many files as you like and click Open.• If you choose Folder, select a folder and click Upload.</div> <div data-bbox="1481 203 2381 592"></div> <div data-bbox="2395 215 2569 505"><p>Window showing files on computer that Dropbox has scanned for possible upload</p></div>
<p>Claim No. 2</p>	<p>Infringing Product</p>
<p>The data storage system of claim 1, wherein the virtual server is further configured to download a second user-selected file associated with the particular user account from the virtual server to the client device.</p>	<p>When a client selects "Download," Dropbox will download files directly from www.dropbox.com to the client's device. <i>How to download an entire folder from Dropbox</i>, DROPBOX, https://www.dropbox.com/help/desktop-web/download-entire-folders.</p> <div data-bbox="628 846 1180 870"><p>To download an entire folder directly from dropbox.com:</p></div> <div data-bbox="628 902 1214 1040"><p>1. Sign In to dropbox.com.</p><p>2. Find the folder you want to download.</p><p>3. Click the ... (ellipses) icon to the right of the folder's name.</p><p>4. Click Download.</p></div> <div data-bbox="628 1073 1440 1154"><p>Your browser will then download the folder as a single compressed file (known as a "ZIP" file). Once it's downloaded, open and decompress the ZIP file to access the contents of your folder.</p></div> <div data-bbox="1534 813 2408 1162"></div> <div data-bbox="2099 1157 2448 1263"><p>Ellipses icon that enables access to the download file function on Dropbox.</p></div>



Claim No. 6	Infringing Product
The data storage system of claim 1 wherein the virtual server is further configured to:	Dropbox is an online server. <i>See Where is my data stored?</i> , DROPBOX, https://help.dropbox.com/accounts-billing/security/physical-location-data-storage .
allow at least one subaccount to be associated with the particular user storage account;	<p>Dropbox Business associates multiple subaccounts (team members) with a primary account (business account). <i>See generally Dropbox Groups</i>, DROPBOX, https://help.dropbox.com/teams-admins/team-member/groups.</p> <div><div></div></div>
verify second user access information for the at least one subaccount;	Dropbox requires the second user's email address to verify the second user. <i>See Join a Dropbox Business Team</i> , DROPBOX, https://help.dropbox.com/teams-admins/team-member/join-business-team .


	<div><div><h3>How to join a Dropbox Business team via membership request</h3><p>Any Dropbox user with a verified email address on a company domain can request to join a team. If you've already been invited to join a Dropbox Business team, you'll need to accept your invitation.</p><p>If you created your Dropbox with a personal email address:</p><ol style="list-style-type: none">1. Sign In to dropbox.com.2. Click your name in the bottom left corner.3. Enter your work email address (if you have one), and click the Get started button.<ul style="list-style-type: none">◦ If a team exists on the domain you enter, you will be prompted to join it.<p>If you created your personal Dropbox with a business or work email:</p><ol style="list-style-type: none">1. Sign In to dropbox.com.2. Click Team.3. If a team using your company domain already exists, you'll see a prompt to Join Team.<ul style="list-style-type: none">◦ Note: You will need to wait for the admin to approve your request to join.<p>Once you request to join a Dropbox Business team, an email request is sent to the Dropbox Business team admin, who can approve or deny this request. If the admin approves the request and the team doesn't have enough open licenses, the team is billed for an additional license.</p></div><div><h3>How to accept a Dropbox Business invitation</h3><ol style="list-style-type: none">1. Locate the email invitation to join your team's Dropbox Business account.<div></div><ol style="list-style-type: none">2. Click the Join your team button.3. Set up your work Dropbox by filling in your name and creating a password.4. Agree to the Dropbox terms and click Create account.5. Once your account is set up, learn more about your account with our business user-guide.</div></div>
connect to a second client device associated with the verified second user access information;	Dropbox connects to a second client's device and accesses files on the client's device to add to Dropbox. <i>See generally Terms of Service</i> , DROPBOX, https://www.dropbox.com/terms ("Dropbox accesses, stores, and scans Your Stuff. You give us permission to do those things....").
transmit to the second client device for display, information relating to one or more files associated with the at least one subaccount; and	Dropbox displays on the second client device, information relating to files associated with at least one subaccount. <i>See Team space and member folders: an overview</i> , DROPBOX, https://help.dropbox.com/teams-admins/team-member/team-space-overview ; <i>View team activity in the admin console</i> , DROPBOX, https://help.dropbox.com/teams-admins/admin/view-activity .




Files


Pepo Studio Inc.







Patricia Johnson







Finance







Marketing






Sales





HR



Information relating to files associated with the subaccounts

transmit to the second client device for display, information identifying second system functions of the virtual server, the second system functions different from the first system functions.

Dropbox displays second system functions such as limiting edit and view access to each of the folders. *See* <<https://help.dropbox.com/teams-admins/team-member/team-space-overview>> for more information on Dropbox subaccounts and second system functions available.

Sharing in the team space

The team space is accessible to the entire team, but that doesn't mean that all team members have access to all content. You can have different permissions to folders:

- **Can edit:** You can view, edit, and manage access to the contents of this folder
- **Can view:** You can view the contents of this folder
- **No access:** You can't view the contents of this folder

By default, anyone with edit permissions to a folder has edit permissions to all folders inside that folder. For example, if you can edit "Design," you can edit any folders inside "Design," unless access to a folder is restricted.

